

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**(Case No 05-1044-B5; (EX04-044C-US))**

<b>In the Application of:</b>	)	
	)	
<b>Costa <i>et al.</i></b>	)	
	)	<b>Examiner: Gebreyesus, Kagnew H.</b>
<b>Serial No.: 10/556,937</b>	)	
	)	<b>Group Art Unit: 1656</b>
<b>Filing Date: October 31, 2006</b>	)	
	)	<b>Confirmation No. 6980</b>
<b>For: MARKs as Modifiers of the</b>	)	
<b>PTEN Pathway and Methods</b>	)	
<b>Of Use</b>	)	

**RESPONSE TO OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is filed in response to the Office Action mailed on August 24, 2010 in the above-mentioned application. It is believed that no fee is due in connection with this filing. However, if a fee is due the Commissioner is authorized to charge our deposit account 13-2490.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 7 of this paper.